Index of Claims

| App | lication | /Contro | l No. |
|-----|----------|---------|-------|

09/638,082

Examiner

William L. Bashore

Applicant(s)/Patent under Reexamination

DEAN ET AL.

Art Unit

2176

√ Rejected
= Allowed

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

|  |          | <u>~I</u> |                |           |           |              |                 |           |          |                 |          |  |          |                 |          |           |          |               |           |          |                         | _          |          |  |              |                 |                 |              |               |   |
|--|----------|-----------|----------------|-----------|-----------|--------------|-----------------|-----------|----------|-----------------|----------|--|----------|-----------------|----------|-----------|----------|---------------|-----------|----------|-------------------------|------------|----------|--|--------------|-----------------|-----------------|--------------|---------------|---|
| Cla  | aim      | Date      |                |           |           |              | Claim Date      |           |          |                 |          |  |          |                 |          | Cla       | aim      | Date          |           |          |                         |            |          |  |              |                 |                 |              |               |   |
| Final  | Original | 5/24/06   |                | i<br>I    |           |              |                 |           |          | Final           | Original |  |          |                 |          |           |          |               |           | 100      | בוום                    | Original   |          |  |              |                 |                 |              |               |   |
|  | 1        | =         |                | 7         | T         | 1            | 1               |           | _        |                 | 51       | T  | Ħ        |                 |          | T         |          | $\neg$        | Ħ         |          | T                       | 101        |          | <b>†</b>   | T            | T               | П               |              |               | _ |
|  | 2        | =         |                |           | Т         |              |                 |           |          |                 | 52       |  |          |                 |          | Ī         |          |               | П         |          |                         | 102        |          |  | Т            |                 | П               |              |               | _ |
|  | 3        | =         |                |           | $\Box$    | $\Box$       |                 |           |          |                 | 53       |  |          |                 |          |           |          |               | $\Box$    |          |                         | 103        |          |  |              |                 |                 |              |               |   |
|  | 4        |           |                |           |           | $oxed{oxed}$ | $oxed{oxed}$    |           |          |                 | 54       |  |          |                 |          |           |          |               | $\perp$   |          |                         | 104        |          |  |              |                 |                 |              |               |   |
| <u></u>  | 5        | =         | ot             |           | ┸         | <u> </u>     | <u> </u>        |           |          |                 | 55       | _  |          |                 | _        | $\Box$    |          |               | ш         |          |                         | 105        | ┸        | ┸  | $oxed{oxed}$ |                 | Ш               |              |               |   |
|  | 8        |           | $\perp$        | _         | $\perp$   | ╙            |                 |           |          |                 | 56       | ╙  | Щ        | _               | _        |           | _        |               | $\perp$   |          |                         | 106        |          | ┸  |              |                 | Щ               |              | 丄             |   |
| <u> </u>   | 7        | =         |                | $\perp$   | _         | _            | $\perp$         | _         |          | _               | 57       |  | Щ        |                 | 4        | _         | _        |               | 44        |          | 4                       | 107        | $\perp$  | $\vdash$   | ┖            | ╙               | Ш               |              | $\rightarrow$ |   |
| -  | 8        | =         |                | +         | +-        | ╂—           | ļ               | <u> </u>  | _        | 1               | 58       | $\vdash$   | Н        | $\dashv$        | -        | _         | _        | _             | +         | -        | $\dashv$                | 108        | +        | ╀  | ⊢            | ⊢               | Н               |              | -             | _ |
| <u></u>  | 9        | =         |                | +         | +         | -            |                 | $\vdash$  | -        | -               | 59       |  |          | _               | $\dashv$ |           |          | -             | +         | -        | -                       | 109        | _        | -  | $\vdash$     | -               |                 | _            | $\rightarrow$ | _ |
|  | 10<br>11 | <b>√</b>  | +              | ╫         | ┿         | +            | $\vdash$        | -         |          |                 | 60<br>61 | -  |          | -               | -        | -         |          | +             | +         | -        | $\dashv$                | 110        | -        | +  | +            |                 |                 | -            | -             | _ |
| <u> </u>   | 12       | =         |                | +-        | +         | ╁╌           | $\vdash$        |           | $\dashv$ |                 | 62       | ├  | $\vdash$ | $\dashv$        | $\dashv$ | $\dashv$  |          | <del>-</del>  | +         | _        | $\dashv$                | 112        | -        | +  | ⊢            | -               | Н               | $\dashv$     | _             | _ |
| <u> </u>   | 13       | -         | +              | +         | +         | +-           | $\vdash$        | $\vdash$  | $\dashv$ |                 | 63       | $\vdash$   | $\vdash$ | $\dashv$        | $\dashv$ | $\dashv$  | $\dashv$ | +             | +         | $\vdash$ | $\dashv$                | 113        | -        | +  | ┼            | $\vdash$        | $\vdash \vdash$ | -            | +             | - |
| <b></b>  | 14       | =         | +              | +         | +-        | +-           | H               |           | $\dashv$ | -               | 64       | $\vdash$   | H        | $\dashv$        | ᅱ        | $\dashv$  | $\dashv$ | $\dashv$      | +         | $\vdash$ | $\dashv$                | 114        |          | +  | $\vdash$     | $\vdash$        | $\vdash \vdash$ | $\dashv$     | -             | - |
| <del>                                     </del> | 18       | Ë         | $\dashv$       | +         | +         | +-           | -               |           | $\dashv$ |                 | 65       | ╁  | H        | 十               | $\dashv$ |           | -        |               | +         |          | +                       | 115        | -+-      | +  | ⊢            | ╁               | $\vdash$        |              | +             | _ |
| <b>—</b>   | 16       | Ξ         | +              | 十         | +         | +            | $\vdash$        | _         | $\dashv$ |                 | 66       | ┢  | H        | $\dashv$        | ┪        | ┪         | -        |               | +         | -        | ᅥ                       | 116        | _        | ╁  | ┢┈           | <del> </del>    | $\vdash$        | -            | $\dashv$      | - |
|  | 17       | -         |                | ╁         | ╁         | 1            | ┢┈              |           | _        | -               | 67       | <del>                                     </del> |          | $\dashv$        | 一        | $\dashv$  | 7        | _             | +         |          | $\dashv$                | 117        |          | ╁  | t            | ┢               | H               |              | $\dashv$      | _ |
|  | 18       | =         |                | +         | T         | 1            |                 | _         | $\neg$   |                 | 68       | ┢  |          |                 | T        | 寸         | 寸        | 1             | $\top$    |          | ┪                       | 118        | _        | +  | t            | H               |                 | 一            | $\dashv$      | - |
|  | 19       | =         | $\top$         | Ť         |           |              |                 |           | _        |                 | 69       | <u> </u>   |          | 1               |          |           | 寸        | _             | $\top$    |          | 1                       | 119        | _        | $\dagger$  | T            | H               | $\neg$          | _            |               | _ |
|  | 20       | ✓         |                | 1         |           |              |                 |           | $\neg$   |                 | 70       | Г  |          | $\neg$          | ヿ        |           | $\neg$   |               | П         |          | T                       | 120        |          | †  |              |                 |                 | ヿ            | $\neg$        | _ |
|  | 21       | ✓         | T              |           |           |              |                 |           |          |                 | 71       |  | H        |                 |          | $\exists$ | $\neg$   |               | $\Box$    |          |                         | 121        |          | 1  | 1            |                 | П               | T            | 十             | _ |
|  | 22       | =         |                |           |           |              |                 |           |          |                 | 72       | Г  |          | $\exists$       |          |           |          |               | $\top$    |          | П                       | 122        |          |  |              |                 |                 |              |               | _ |
|  | 23       | <b>✓</b>  |                |           |           | L            |                 |           |          |                 | 73       |  |          |                 |          |           |          |               |           |          |                         | 123        |          | Г  |              |                 |                 | $\neg$       |               |   |
|  | 24       | <b>✓</b>  |                |           |           |              |                 |           |          |                 | 74       |  |          |                 |          |           |          |               | $\Box$    |          |                         | 124        |          |  |              |                 |                 |              |               | _ |
|  | 28       |           | _              | 1         | 1         | <u> </u>     |                 |           |          |                 | 75       |  |          |                 |          |           |          |               |           |          |                         | 125        |          |  |              |                 |                 |              |               |   |
|  | 26       | ✓         |                |           |           |              |                 |           | _        |                 | 76       |  |          |                 |          | _         | _        |               | Ш         |          |                         | 126        | $\perp$  | _  | L            |                 | Ш               |              | $\perp$       |   |
| ļ  | 27       | Щ         |                | _         | $\bot$    |              | Ш               |           |          |                 | 77       |  |          |                 |          | _         | _        |               | 1         | ╙        | _                       | 127        |          | ╙  |              |                 |                 | _            |               | _ |
|  | 28       |           | _              | +-        | ╄         | ╄            | Ш               |           | _        | <u> </u>        | 78       | _  | $\dashv$ | _               | _        | _         | _        | _             | 4         |          |                         | 128        |          | ↓_   | _            | Ш               | $\perp$         | _            |               | _ |
| -  | 29       |           |                | +         | +         | ╀-           | Н               | -         | -        |                 | 79       |  | $\dashv$ | 4               | _        | _         | 4        |               | +         | <u> </u> | 4                       | 129        | _        | _  | _            | _               | $\sqcup$        |              | $\dashv$      | _ |
| <u> </u>   | 30       |           |                | +         | +         | ₩            | $\vdash$        | _         |          | -               | 80       | -  | $\dashv$ | +               |          | -         | $\dashv$ |               | +         | -        | 4                       | 130        |          | _  | L_           | ldash           | $\sqcup$        | $\dashv$     |               | _ |
|  | 31<br>32 | $\vdash$  |                | ╁         | ╁         | -            | Н               | -         | -        | -               | 81<br>82 | -  |          | $\dashv$        | $\dashv$ | +         | +        | _             | +         | -        | 4                       | 131        | +-       | -  | ⊢            | _               |                 |              |               | _ |
| $\vdash$   | 33       |           | $\dashv$       | ╫         | ╁         | ╁            | Н               | -         |          |                 | 83       |  | $\dashv$ | $\dashv$        | $\dashv$ | $\dashv$  | $\dashv$ |               | +         | -        | -                       | 132        |          | -  | -            |                 | $\vdash$        | -            | +             | _ |
| <u> </u>   | 34       | -         | +              | +         | +         | $\vdash$     | $\vdash$        |           | $\dashv$ | -               | 84       | $\vdash$   | $\dashv$ | $\dashv$        | +        | -         | $\dashv$ | +             | +         | -        | +                       | 133<br>134 |          | ╁  | -            | Н               | -               | -            | +             | _ |
|  | 35       | $\vdash$  |                | +         | +         | ╁╌           |                 |           | $\dashv$ | <b> </b>        | 85       | $\vdash$   | $\dashv$ | $\dashv$        | +        | $\dashv$  | $\dashv$ | ╅             | +         | -        | $\dashv$                | 135        | +        | +  | <del> </del> | Н               | -               | $\dashv$     | +             | - |
| -  | 36       |           | $\dashv$       | $\top$    | $\dagger$ |              | H               |           |          |                 | 86       |  | $\dashv$ | $\dashv$        | +        | $\dashv$  | $\dashv$ | +             | +         | -        | $\dashv$                | 136        | +        | +  | $\vdash$     | $\vdash \vdash$ | $\dashv$        | $\dashv$     | $\dashv$      | - |
|  | 37       | $\neg$    | $\neg \vdash$  | 十         | 1         |              | $  \cdot  $     |           | $\dashv$ |                 | 87       |  | _        | 十               | $\dashv$ | -+        | $\dashv$ | $\dashv$      | +         |          | +                       | 137        | +-       | 十  |              | H               |                 | ᅥ            | +             | - |
|  | 38       | $\neg$    | $\neg \dagger$ | $\top$    | 1         | 1            | $  \neg  $      |           | $\dashv$ |                 | 88       | $\Box$   | $\dashv$ | $\dashv$        | +        | +         | $\dashv$ | $\top$        | $\forall$ |          | 7                       | 138        | _        | $\vdash$   | t            | H               |                 | $\dashv$     |               | - |
|  | 39       |           |                |           | Ī         | 1            | $  \neg  $      | $\neg$    | $\neg$   |                 | 89       |  | $\dashv$ | $\neg \uparrow$ | $\dashv$ | 寸         | $\dashv$ | $\neg \vdash$ | $\sqcap$  |          | 寸                       | 139        | $\dashv$ | <del>                                     </del> | T            | П               | $\dashv$        | $\dashv$     | $\dashv$      | _ |
|  | 40       |           |                | I         |           |              |                 |           |          |                 | 90       |  | $\neg$   | $\top$          | $\dashv$ | 7         | 寸        | $\top$        | 77        |          | ヿ                       | 140        | +        | <b>†</b> **                                      | $\vdash$     | П               | _               | $\dashv$     | $\dashv$      | - |
|  | 41       |           |                | $oxed{T}$ |           |              |                 |           |          |                 | 91       |  |          |                 |          |           |          |               | $\sqcap$  |          | T                       | 141        |          |  |              | П               |                 | 寸            | $\neg$        | - |
|  | 42       |           |                |           |           |              |                 |           |          |                 | 92       |  |          | $\Box$          |          |           |          |               |           |          | J                       | 142        |          |  |              |                 |                 |              |               | _ |
|  | 43       |           |                | <u> </u>  |           | ┕            | Ш               | ]         | _        |                 | 93       |  |          | $\Box$          | $\Box$   | $\Box$    | $\Box$   |               |           |          | $oldsymbol{\mathbb{I}}$ | 143        |          |  |              |                 | J               |              |               | _ |
|  | 44       | _         | _              | 4_        | <u> </u>  | $\perp$      | Ш               | ᆜ         | _        |                 | 94       | Ш  | $\perp$  | [               | $\perp$  | [         | _        | $\perp$       |           |          | $\bot$                  | 144        |          | L  |              | LI              |                 | J            | $\perp$       |   |
| <u> </u>   | 45       |           |                | +-        | ↓_        | $\vdash$     | Щ               |           | _        | $\vdash$        | 95       | Ш  |          | $\perp$         | 4        |           | Ц        |               | Ш         |          | _[                      | 145        | L        |  |              | Ш               | [               |              |               | _ |
| $\vdash \vdash \vdash$                           | 46       | _         |                | +         | $\vdash$  | <del> </del> | ļ-ļ             |           | _        |                 | 96       | Щ  |          | 4               | 4        | 4         | 4        |               | $\sqcup$  |          | 4                       | 146        | $\perp$  | _  | L.           | Ш               | [               | _[           |               |   |
| $\vdash \vdash \mid$                             | 47       |           |                | +-        | -         | $\vdash$     | Н               | <b></b> ∤ | _        | $\vdash \vdash$ | 97       | Ш  |          | 4               | 4        | -         | 4        | 4             | $\sqcup$  | <u> </u> | 4                       | 147        |          | <b> </b>   | ┞            | Щ               | _               | $\downarrow$ | $\dashv$      | _ |
|  | 48<br>49 |           | -+-            | +         | ╀         | -            | $\vdash \vdash$ |           |          | $\vdash$        | 98       | Н  | $\dashv$ | $\dashv$        | -        | $\dashv$  | +        | +             | 4-4       | <u> </u> | 4                       | 148        | $\perp$  | ـ  | <u> </u>     | Ш               | $\dashv$        | 4            | +             | _ |
| <u> </u>   | 50       | $\dashv$  | +              | +-        | ╁         | $\vdash$     | $\vdash$        |           | $\dashv$ | $\vdash$        | 99       | Н  | $\dashv$ | $\dashv$        | $\dashv$ | -         | +        | +             | +         | <u> </u> | 4                       | 149        | -        | +  |              | $\vdash \vdash$ | _               | _            | +             | _ |
| ᆫᆜ   | ου       |           |                | _L        | 1_        |              |                 |           |          | $\Box$          | 100      | i  |          |                 |          |           | 1        |               |           | l        |                         | 150        | ı        | 1  | l            | , ,             | - 1             | - 1          |               |   |